

AMENDMENTS TO THE CLAIMS

1. (Currently amended) A method for isolating nucleic acids from a sample containing nucleic acids comprising:

dissolving the sample in a buffer ~~containing~~ comprising at least one surfactant and at least one salt;

heating the obtained solution;

subjecting the heated solution to gel filtration; and

collecting a fraction containing nucleic acids.

2. (Currently amended) The method according to claim 1, wherein said surfactant is Triton X-100® ~~(Registered Trademark)~~.

3. (Currently amended) The method according to claim 1 ~~or 2~~, wherein said salt is NaCl.

4. (Currently amended) The method according to ~~any one of claims 1 to 3~~ claim 1, wherein said sample ~~is a sample containing~~ comprises eucaryotic cells.

5. (Currently amended) The method according to ~~any one of claims 1 to 4~~ claim 1, wherein said sample is blood.

6. (Currently amended) A kit for nucleic acid isolation from a sample containing nucleic acids, comprising

a buffer and a gel filtration column, wherein said buffer ~~contains~~ comprises at least one kind of surfactant ~~ssurfactant~~ and at least one kind of salt ~~ssalt~~.

7. (Currently amended) The kit according to claim 6, wherein said buffer ~~is a buffer containing~~ comprises Triton X-100® ~~(Registered Trademark)~~ and NaCl.

8. (Currently amended) An apparatus for nucleic acid isolation ~~equipped with~~ comprising:

a sample-introducing part;

a buffer-supplying part that supplies a buffer ~~containing~~ comprising at least one surfactant and at least one salt;

a heating part; and

a separation part ~~filled with~~ comprising gel filtration resins.